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OCTOBER, 1917

The University of Rochester

EXTENSION COURSES

ANNOUNCEMENT



1917-18

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CALENDAR

1917

- October 29, Monday: Registration, first semester begins.
November 5, Monday: Instruction, first semester begins.
November 10, Saturday: *Last day for registration and payment of fees (first semester).
November 29, Thursday: Recess, Thanksgiving Day.
December 17, Monday: Christmas recess begins.

1918

- January 5, Saturday: Christmas recess ends.
February 16, Saturday: Instruction, first semester ends.
February 18, Monday: Registration, second semester begins.
February 18, Monday, to February 23, Saturday, inclusive: Examinations for first semester.
February 22, Friday: Recess Washington's Birthday.
February 23, Saturday: First semester ends.
February 25, Monday: Instruction second semester begins.
March 2, Saturday: *Last day for registration and payment of fees (second semester).
May 18, Saturday: Instruction second semester ends.
May 20, Monday, to May 25, Saturday, inclusive: Examinations for second semester.
May 25, Saturday: Second semester ends.

*The privilege of late registration may be granted upon the payment of an additional fee of \$1.00.



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OFFICERS OF EXTENSION COURSES 1916-1917

RUSH RHEES, D.D., LL.D.

President

*PRENTISS BAILEY GILBERT, A.M.

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HENRY LAURISTON CRITTENDEN, A.B.

Acting Director of Extension Courses

CHARLES HOEING, PH.D.

Dean of College for Men

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Dean of College for Women

AGNES EDITH SMITH

Recorder

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CHEMISTRY

CHARLES CARRON, B.L.

FRENCH

GEORGE HALCOTT CHADWICK, M.S.

GEOLOGY

LEWIS CHASE, PH.D.

ENGLISH

FREDERICK JAMES CONVERSE, B.S.

ASTRONOMY

IDA GUTHE EISERHARDT

GERMAN

ARTHUR SULLIVAN GALE, PH.D.

MATHEMATICS

IRA ELVER LEE, PH.D.

CHEMISTRY

JAMES ADELBERT McMILLEN, A.B., B.L.S.

BIBLIOGRAPHY

LOUIS AUGUSTUS PECHSTEIN, PH.D.

EDUCATION

DEXTER PERKINS, PH.D.

HISTORY

JOHN ROTHWELL SLATER, PH.D.

ENGLISH

FRANK VON DER LANCKEN

ART

CHARLES WILLIAM WATKEYS, A.M.

MATHEMATICS

*Absent on leave for service in the United States Army.

EXTENSION TEACHING

The aim of Extension Teaching is to provide instruction under the administrative supervision and control of the University for the benefit of students who are not in attendance at the regular courses of instruction.

STUDENTS

Courses in Extension Teaching are provided to meet the desires and requirements of three classes of students:

First, men and women who can give only a portion of their time to study and who desire to pursue subjects included in a liberal education of the character and grade of college work.

Second, men and women engaged in vocational work who are likewise limited in their time for study and who desire to pursue work along the lines of their particular vocation, with a view to increasing their knowledge and individual economic value.

Third, men and women who desire to obtain academic recognition either in the University of Rochester or elsewhere, involving acceptance of the work which they may satisfactorily complete in Extension Teaching.

ADMISSION

No examination is required for admission to courses offered in Extension Teaching. All courses are open without restriction, unless it is otherwise stated, to both men and women.

PERIODS OF INSTRUCTION

The academic year for Extension Teaching is divided into two semesters, each providing twelve weeks of class instruction. For the specific dates for each year, the calendar (p. 1) should be consulted.

CREDIT IN EXTENSION TEACHING

All courses in Extension Teaching are conducted in accordance with established college standards. Persons entering these courses may, however, at their option attend merely as auditors, or they may do the prescribed work and take the examination given at the end of the course.

The system of credit in Extension Teaching is based upon the "unit." The number of units in each course is indicated in the description of the courses.

A Certificate of Credit in each course will be issued to students that complete satisfactorily the requirements of the course with respect to attendance, class-work, and examinations.

ACADEMIC CREDIT AT THE UNIVERSITY OF ROCHESTER

Courses in which the units of credit in Extension Teaching will be granted credit toward a degree by The University of Rochester are designated by a "C" and are known as "C Courses." One unit of credit in C Courses in Extension Teaching is the equivalent of one hour of credit in the regular courses in the College.

With the consent of their respective Deans, men and women students matriculated in the University may register for courses in Extension Teaching, which, if satisfactorily completed, will be received, in accordance with the foregoing rule, for credit toward the degree of A.B. or B.S.

Also, by special arrangement with their respective Deans, former men and women students of the University who have not completed their college course may take work in Extension Teaching with a view to completing their required work leading to a Bachelor's degree.

Certain Extension Courses of an advanced character, upon the approval of the Dean of the College for Men, may be received as credit toward a Master's degree in the University.

REGISTRATION

Students who expect to attend courses in Extension Teaching are required to register in person at the office of Extension Teaching, Catharine Strong Hall, at the beginning of each semester during the periods indicated in the calendar (p. 1).

Fees must be paid at the time of registration.

Students will be allowed to attend one class before registration and payment of fees.

FEEES

University fee for students in Extension Teaching exclusively, \$1.00 for each semester. Matriculated students in the College are not required to pay this fee.

Tuition fee for each course, as announced in the description of the courses.

Additional fee for late registration, \$1.00.

Checks should be made payable to The University of Rochester.

THE LIBRARY

The privileges of the University Library of over 71,000 volumes, including a circulating musical library of about 1,700 volumes, are extended to students in Extension Teaching. The Library is located in Sibley Hall.

OFFICE OF EXTENSION TEACHING

The office of Extension Teaching is located in Catharine Strong Hall, corner of University Avenue and Prince Street.

The office will be open *during the period of registration* from 11:00 to 12:00 A. M. on Saturdays and from 4:30 to 6:00 P. M. every day except Saturday, and from 7:00 to 8:30 on Monday evenings.

All requests for information should be addressed to the Director of Extension Courses, The University of Rochester, Rochester, New York.

COURSES OF INSTRUCTION 1917-1918

Courses not listed in this Announcement may be given upon the request of any responsible individual or group willing to organize a sufficiently large class to insure the success of the undertaking.

A minimum registration of ten students is required in a course before a class will be formed.

The University reserves the right to limit the registration in any course where the interest of the work seems to require it.

Note—E indicates an Extension Course.

C indicates a C course (See p. 6).

a indicates that the course is offered in the first semester.

b indicates that the course is offered in the second semester.

The numeral indicates the number of the course.

ART

E—1b—General Lectures.

Mr von der Lancken.

11: 00—12: 00 a. m., Saturday.

Lecture Room, Memorial Art Gallery.

Credit: 1 unit.

Fee: \$5.00.

The lectures will cover art education, painting, sculpture, mural decoration, stained glass, and printing and engraving. The lectures will be supplemented by significant examples illustrative of the work in the various fields.

ASTRONOMY

E—1b—General Astronomy.

Mr. Converse.

7: 45—8: 45 p. m., Thursday.

Room 17, Carnegie Laboratory.

Credit: 1 unit.

Fee: \$5.00.

A presentation of astronomical facts, principles, and methods in such a form that they can be comprehended with a reasonable amount of effort by a person who has had no previous scientific training. Lectures will be supplemented by observations with the Trevor telescope.

BIBLIOGRAPHY

- EC—1a—Introduction to Library Work.** Mr. McMillen.
 7: 45-8: 45 p. m., Tuesday. Room 17, Catharine Strong Hall.
 Credit: 1 unit. Fee: \$5.00

A series of lectures on library work as a profession, on the proper preparation in school and college for one contemplating taking up that work, on library schools and the different phases of the work as it is now carried on in the modern library, and on the specialized library as adapted to modern business.

- EC—2b—History of Books and Libraries.** Mr. McMillen.
 7: 45-8: 45 p. m., Tuesday. Room 17, Catharine Strong Hall.
 Credit: 1 unit. Fee: \$5.00.

Lectures on the development of printing and bookmaking and on the formation of libraries from the earliest times to the present day. A view will be given of the libraries of the principal countries of Europe as well as a resumé of the modern library movement in America.

CHEMISTRY

- EC—1ab—General Chemistry.** Dr. Lee and Mr. Ashdown.
 7: 00-10: 00 p. m., Tuesday and Thursday.
 Reynolds' Laboratory.
 Credit: 4 units each semester.
 Fee: \$20.00 each semester (including laboratory fees).

Two lectures and two laboratory periods each week.

Principles of chemical combinations, combustion, oxidation, and reduction; properties and tests of the acid forming and metallic elements and their compounds; water and air analysis; disinfectants and bleaching agents; production of the common acids, soda, and other chemicals; reduction of ores.

Effort will be made to supplement the practical experience that the student is getting in his regular vocational work, thus enabling him to acquire the kind of technical knowledge which will make him more proficient in his work and fit him for a position of greater responsibility.

EDUCATION

- EC—1a—Current Educational Literature.** Assistant Professor Pechstein.
 9: 00-10: 00 a. m., Saturday.
 Psychological Laboratory, Anderson Hall.
 Credit: 1 unit. Fee: \$5.00.

The current educational and psychological literature will be read and reported upon by the members of the class, each report being

followed by a round table discussion. No attempt will be made to organize the reports around any single topic. Such periodicals as the School Review, Journal of Educational Psychology, Elementary School Journal, Teachers College Record, etc., as well as new books in education will be drawn upon.

EC—2b—Current Educational Literature.

Assistant Professor Pechstein.

9: 00–10: 00 a. m., Saturday.

Psychological Laboratory, Anderson Hall.

Credit: 1 unit.

Fee: \$5.00.

A continuance of EC-1a, with new topics for treatment.

EC—3a—Educational Measurements. Assistant Professor Pechstein.

7: 00–9: 00 p. m., Tuesday.

Psychological Laboratory, Anderson Hall.

Credit: 3 units.

Fee: \$8.00.

A study of the theory of scale construction, together with a detailed study of the scales, tests, and standards now available for measuring the results of instruction. The fields of arithmetic, reading, penmanship, spelling, drawing, grammar, and certain high school studies are discussed in detail. The last two meetings are given over to a discussion of statistical methods and interpretations. This course is designed for principals, supervisors and teachers of the public schools. Only typical school problems and typical school results are treated. Lectures, class discussions, readings, reports upon the usage of certain tests in local schools, etc.

EC—4b—Problems in School Administration.

Assistant Professor Pechstein.

7: 00–9: 00 p. m., Tuesday.

Psychological Laboratory, Anderson Hall.

Credit: 3 units.

Fee: \$8.00.

This course aims to secure a detailed study of certain selected problems of educational administration, such as classification and promotion systems; extra school activities and relations; measurement of teaching efficiency; training during service and tenure of teachers; developing tendencies favoring progress in educational administration; etc. Topics selected for study will be determined mainly by the special interests of the members of the class. This course is designed primarily for the principal and supervisor, although it is open to all teachers. Lectures, class discussions, readings, reports.

ENGLISH

EC—1a—Composition: The Essay.

Professor Slater.

4: 30–5: 30 p. m., Monday.

Room 7, Catharine Strong Hall.

Credit: 1 unit.

Fee: \$5.00.

Lectures on the methods of gathering and organizing materials

for expository writing, accompanied by practice in composition. Members of the class will receive individual criticisms and suggestions for improving their English style. The course is intended for those who have had high school instruction in composition or its equivalent.

EC—2b—Composition: The Short Story. Professor Slater.
 4: 30—5: 30 p. m., Monday. Room 7, Catharine Strong Hall.
 Credit: 1 unit. Fee: \$5.00.

A study, based on a textbook, of the theory and practice of story writing. Short studies in description, dialogue, and plot construction will be written weekly, and two or more complete stories during the term.

EC—3ab—Contemporary Poetry. Acting Assistant Professor Chase.
 4: 30—5: 30 p. m., Wednesday. Room 18, Catharine Strong Hall.
 Credit: 1 unit each semester. Fee: \$5.00 each semester.

Readings from English and American contemporary poets, with critical and biographical comment.

EC—4b—Extempore Speaking (and Composition). Mr. Wilder.
 7: 45—8: 45 p. m., Monday. Room 18, Catharine Strong Hall.
 Credit: 1 unit. Fee: \$5.00.

A study of the principles of public speaking and of the construction of various types of speeches, with practice in the delivery of each type. Opportunity will also be offered for practice in written composition for those who desire it. The character of the work will be largely determined by the abilities and interests of the members of the class.

FRENCH

***E—1ab—Beginning Conversation.** Assistant Professor Carron.
 5: 00—6: 00 p. m., Tuesday and Friday.
 Room 21, Catharine Strong Hall.
 Credit: 2 units each semester. Fee: \$9.00 each semester.

***E—2ab—Conversation.** Assistant Professor Carron.
 4: 00—5: 00 p. m., Tuesday and Friday.
 Room 21, Catharine Strong Hall.
 Credit: 2 units each semester. Fee: \$9.00 each semester.

***EC—3ab—Selected Reading and Discussion in French Literature.**
 Assistant Professor Carron.
 11: 00—12: 00 a. m., Tuesday. Room 17, Catharine Strong Hall.
 Credit: 1 unit each semester. Fee: \$5.00 each semester.

*If warranted by sufficient registration evening sections of these courses will be arranged.

GEOLOGY

***E—xb—Geology Trip to Catskill.**

Acting Assistant Professor Chadwick.

Credit: $\frac{1}{2}$ unit (when supplemented by preliminary reading and preparation). Fee: \$5.00. (When registering for credit).

The customary three day trip to the Catskill region for geology students is planned for Friday to Monday, April 6th to 9th, inclusive. A limited number of other persons are admitted to this trip when the student party is not too large,—women as well as men, if prepared for active tramping and climbing. Headquarters are made at Catskill in a comfortable hotel. Each person pays his own way, the total expense ordinarily being under \$20.00.

Groups from other colleges usually participate in this excursion, which includes a visit to the State Museum and Capitol, a day on the Catskill Mountains, tramps, trolley rides, cave exploring, evening conferences and lectures, car-window geology enroute, folds and faults, fossils, rare ferns, historic places, picnic lunches, and snapshots. The region is ideal for geologic field work and has long been a Mecca for classes from the eastern colleges. No previous knowledge of geology is needed unless credit is sought.

*Registration for this course will be open up to Tuesday, April 3rd., but to make certain the securing of a place an early application is urged.

GERMAN

E—1ab—Conversational German.

Mrs Eiserhardt.

4: 30–5: 30 p. m., Tuesday and Friday.

Room 17, Catharine Strong Hall.

Credit: 2 units each semester.

Fee: \$9.00 each semester.

The work of this course will be so arranged as to meet the needs of the individual student in regard to linguistic problems as well as in regard to the topics to be discussed.

EC—2ab—Contemporary Literature.

Mrs. Eiserhardt.

11: 00–12: 00 a. m., Monday.

Room 18, Catharine Strong Hall.

Credit: 1 unit each semester.

Fee: \$5.00 each semester.

Prominent works by leading German authors of to-day, both dramatic and narrative, will be studied in this course; among others those of Hauptmann, Sudermann, Frenssen, Rosegger, Herzog, etc.

GOVERNMENT

EC—1a—American Government and Contemporary Problems.

Dr. Perkins.

4: 30-5: 30 p. m., Tuesday and Friday.

Room 18, Catharine Strong Hall.

Credit: 2 units.

Fee: \$7.00.

A study of the evolution and actual working of the government of the United States; of the chief problems which have confronted and do confront it in the field of efficient administration, legislative policy, and diplomatic effort.

HISTORY

EC—1b—Recent European History with Special Reference to the War and Present Conditions.

Dr. Perkins.

4: 30-5: 30 p. m., Tuesday and Friday.

Room 18, Catharine Strong Hall.

Credit: 2 units.

Fee: \$7.00.

The purpose of the course will be to illuminate the problems raised by the war by an examination of their historical antecedents. Special attention will be given to America's relation to the struggle.

MATHEMATICS

*EC—1ab—Solid Geometry.

Professor Gale and Assistant Professor Watkeys.

7: 45-9: 15 p. m., Friday.

Room 21, Catharine Strong Hall.

Credit: 2 units each semester.

Fee: \$6.00 each semester.

*EC—2ab—Trigonometry.

Professor Gale and Assistant Professor Watkeys.

7: 45-9: 15 p. m., Friday.

Room 21, Catharine Strong Hall.

Credit: 2 units each semester.

Fee: \$6.00 each semester.

*EC—3ab—Advanced Algebra.

Professor Gale and Assistant Professor Watkeys.

7: 45-9: 15 p. m., Friday.

Room 21, Catharine Strong Hall.

Credit: 2 units each semester.

Fee: \$6.00 each semester.

*EC—4ab—Analytic Geometry.

Professor Gale and Assistant Professor Watkeys.

7: 45-9: 15 p. m., Friday.

Room 21, Catharine Strong Hall.

Credit: 2 units each semester.

Fee: \$6.00 each semester.

*The selection of courses to be given in mathematics will be determined by the demand as indicated by the registration.

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